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U.S. DEPARTMENT OF HEALTH  
AND HUMAN SERVICES  
Otis R. Bowen, MD, *Secretary*



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- mother-infant project. Paper presented at the Medical Anthropological Association Meeting, Houston, Nov. 29-Dec. 4, 1977.
28. Health Resources Administration: Health of the disadvantaged, chart book II. DHHS Publication No. (HRA) 80-633. U.S. Government Printing Office, Washington, DC, 1980.
  29. Wilensky, G., and Walden, D.: Minority, poverty and the uninsured. Paper presented at the 109th Annual Meeting of the American Public Health Association, Los Angeles, Nov. 1-5, 1981.
  30. Trevino, F., and Moss, A. J.: Health insurance coverage and physician visits among Hispanic and non-Hispanic people. *In* Health, United States, 1983. DHHS Publication No. (PHS) 84-1232. U.S. Government Printing Office, Washington, DC, December 1983, pp. 45-49.
  31. National Center for Health Statistics (Trevino, F. M., and Moss, A. J.): Health indicators for Hispanic, black, and white Americans. Vital and Health Statistics, Series 10, No. 148. DHHS Publication No. (PHS) 84-1576. U.S. Government Printing Office, Washington, DC, 1984.
  32. Trevino, F.: Community mental health center staffing patterns and their impact on Hispanics' use of services. Paper presented at the 1st Hispanic Health Services Research Conference, Albuquerque, NM, Sept. 5-7, 1979.
  33. Phillipus, M. J.: Successful and unsuccessful approaches to mental health services for an urban Hispano-American population. *Am J Public Health* 61: 820-830, April 1971.
  34. Ruiz, P.: The indigenous nonprofessional: the primary therapist in a mental health program. Paper presented at the Annual Conference of the Society for Applied Anthropology, Montreal, Canada, Apr. 17-18, 1972.
  35. Bruhn, J. G.: Health manpower needs among Mexicans in Texas. *Tex Rep Biol Med* 32: 633-647, fall-winter 1974.
  36. Trevino, F., Montoya, M., and Juarez, R. Z.: The participation of Hispanics in U.S. schools of public health, 1975-79. *Am J Public Health* 74: 251-252, March 1984.
  37. Kapantais, G.: Trends in health personnel. *In* Health, United States, 1983. DHHS Publication No. (PHS) 84-1232. U.S. Government Printing Office, Washington, DC, December 1983, pp. 55-59.
  38. Moustafa, A. T., and Weiss, G.: Health status and practices of Mexican Americans. Mexican-American study project, advance report II. Graduate School of Business Administration, University of California, Los Angeles, 1968.
  39. Galvin, M., and Fan, M.: The utilization of physician services in Los Angeles County, 1973. *J Health Soc Behav* 16: 74-94, March 1975.
  40. Roberts, R. E., and Lee, E. S.: Medical care use by Mexican Americans: evidence from the human population laboratory studies. *Med Care* 18: 266-281, March 1980.
  41. National Center for Health Statistics: Contraceptive utilization in the U.S., 1973 and 1976. Advance Data No. 36, August 1978.
  42. National Center for Health Statistics: Use of family planning service by currently married women 15-44 years of age, 1973 and 1976. Advance Data No. 45, February 1979.
  43. National Center for Health Statistics: Visits to family planning clinics: U.S., 1979. Advance Data No. 74, September 1981.



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research will be awarded this year by the Clinical Nurse Scholars Program of the Robert Wood Johnson Foundation. The program is intended to prepare faculty who will create a new emphasis on clinical practice and research in the education of both entry-level nurses and future nurse faculty.

The fellowships are full 24-month appointments and consist of concentrated experiences in patient care and clinical research, as well as exposure to issues in hospital management. Programs will be individually tailored to help the clinical nurse scholars acquire advanced expertise. Foundation grants will be made to the three training institutions administering the

program, and they will cover stipends (equivalent to a scholar's current salary up to a maximum of \$80,000 for the 24 months) plus fringe benefits and travel and moving allowances.

The program is conducted at academic health science centers at the University of California, San Francisco; the University of Pennsylvania; and the University of Rochester. At each the program is the joint responsibility of the schools of nursing and medicine.

Scholars will be selected from among registered nurse applicants who hold a bachelor's or higher degree in nursing, an earned doctorate degree (or who expect to receive doc-

torate before start of fellowship), and who have a commitment to an academic career in nursing, combined with clinical practice and research in teaching hospitals. Eligibility is limited to permanent U.S. residents. The deadline for submission of applications for the 1987-88 academic year is July 1, 1986.

*Inquiries and requests for applications should be addressed to Rheba de Tornyay, EdD, Director, the Robert Wood Johnson Clinical Nurse Scholars Program, School of Nursing, SM-24, University of Washington, Seattle, WA 98195 (206: 543-6227).*

## EDUCATION NOTES

Training courses in occupational safety and health are given by the National Institute for Occupational Safety and Health (NIOSH) directly or in cooperation with professional organizations or agencies. NIOSH also sponsors Educational Resource Centers in universities throughout the country. Following is a list of courses being offered by those centers in the next few months. For further information such as application deadlines, contact the persons specified in the listing.

### HARVARD EDUCATIONAL RESOURCE CENTER

**In-place Filter Testing Workshop**, June 9-13, \$1,000.

**Planning for Nuclear Emergencies**, June 9-13, \$800.

**Program for Advanced Training in Biomedical Research Management**, June 15-27, \$2,000.

**Biological Effects of Ionizing Radiation**, June 17-19, \$500.

**Occupational Epidemiology**, June 23-27, \$800.

**Safety, Health, and Ventilation Issues in the Laboratory**, July 9-11, \$500.

**Certification of Biological Safety Cabinets**, July 14-19, \$1,100. (including lab fee).

*Write or call the Office of Continuing Education, Harvard School of Public Health, 677 Huntington Ave., Boston, MA 02115 (617: 732-1171).*

### NEW YORK-NEW JERSEY EDUCATIONAL RESOURCE CENTER

**Occupational Safety and Health Issues in Health Care Institutions**, June 11, cost to be announced.

**NIOSH-approved Spirometry Training**, July 15-17, \$375.

**Industrial Ventilation**, August 4-8, \$500.

*Contact Lee Laustsen, Office of Consumer Health Education, University of Medicine and Dentistry of New Jersey, Rutgers Medical School, Piscataway, NJ 08854 (201: 463-4500).*

### JOHNS HOPKINS EDUCATIONAL RESOURCE CENTER

**Intensive Training in Spirometry Testing**, June 5-6, \$350.

**Toxicology Update '86**, June 9-11, \$450.

*Contact Jacqueline Corn, Department of Environmental Health Sciences, Johns Hopkins School of Hygiene and Public Health, 615 North Wolfe St., Rm. 1101, Baltimore, MD 21205 (301: 955-2609).*

### ALABAMA EDUCATIONAL RESOURCE CENTER

**Cardiovascular Update '86: Modern Prevention Techniques**, to be held July 8-31 in cities throughout Alabama, no charge.

**Cardiovascular Update '86: Heart of the Matter**, to be held July 8-31 in cities throughout Alabama, no charge.

*Contact Kent Ostenstead, University of Alabama School of Public Health, University Station, Box 99, Birmingham, AL 35294 (205: 934-7032).*

### NORTH CAROLINA EDUCATIONAL RESOURCE CENTER

**Industrial Hygiene Laboratory**, June 10-12, cost to be announced.

**Fourth Annual Workers' Compensation Conference**, June 12, \$100.

**Sampling and Evaluating Airborne Asbestos Dust (NIOSH 582)**, June 23-27, \$550.

**Ninth Annual Occupational Safety and Health Summer Institute**, August 4-8, \$390 for each course except Sampling and Evaluating Airborne Asbestos Dust, which will be \$550.

*Contact Ted M. Williams, Occupational Safety and Health Educational Resource Center, UNC-CH, 109 Conner Dr., Suite 1101, Chapel Hill, NC 27514 (919: 962-2101).*

### CINCINNATI EDUCATIONAL RESOURCE CENTER

**Miniresidency in Occupational Medicine**, June 9-20, \$1,200.

**Current Topics in Safety Management**, June 11-12, \$275.

**Occupational Respiratory Protection**, June 16-20, \$500.

**Real Time Measurements of Aerosols**, June 17-20, \$590.

**Pulmonary Function Testing**, June 25-27, \$360.

**Comprehensive Review for Industrial Hygiene Professionals**, August 4-8, \$525.

*For further information, contact Kay M. Hayes, Field Service Instructor, Director, Continuing Education, ML 182, University of Cincinnati, 231 Bethesda Ave., Cincinnati, OH 45267 (513: 872-5733).*

#### **MICHIGAN EDUCATIONAL RESOURCE CENTER**

**Occupational Ergonomics**, June 2-6, \$725 (when taken with Advanced Ergonomics Workshop, both courses cost \$1,200).

**Advanced Ergonomics Workshop**, June 9-11, \$575.

**Microcomputer Applications in Occupational Safety and Health Engineering**, June 16-18, \$575.

**Health Issues in Hand-Intensive Work: Seminar**, to be held in Holland, MI, July 18, \$50.

**Management Briefing Seminar**, to be held in Traverse City, MI, July 31-August 1, \$200 for one day or \$375 for both days.

*Contact Randy Rabourn, Director, Continuing Education, Center for Occupational Health Safety Engineering, 1205 Beal, IOE Bldg., University of Michigan, Ann Arbor, MI 48109 (313: 763-0567).*

**Disability Training Seminars, Series 1: Medical-Legal**, June 8 and 22, \$200 a day (\$600).

**Disability Training Seminars, Series 2: Ergonomics**, June 9-10, June 23-24, \$200 a day (\$600).

**Disability Clinical Training Program, Series 3: Report Writing and the Disability Evaluation**, June 7-9 and 25-27, \$1,000.

**Disability Training Series 4: Mental Factors in Disability**, June 14-15 and 28-29, \$200 a day (\$400).

*Write or call T. G. Hiebert, PhD, MD, American Disability Evaluation*

*Research Institute, P. O. Box 7735, Ann Arbor, MI 48107 (313: 971-1177).*

#### **MINNESOTA EDUCATIONAL RESOURCE CENTER**

**Sampling and Evaluating Airborne Asbestos Dust**, June 9-13, \$450.

**Comprehensive Industrial Hygiene Review Course**, August 11-15, \$600.

*Contact Ruth K. McIntyre, Director, Continuing Education, Midwest Center for Occupational Health and Safety, 640 Jackson St., St. Paul, MN 55101 (612: 221-3992).*

#### **UTAH EDUCATIONAL RESOURCE CENTER**

**Industrial Audiometric Technician's Certification Course**, June 17-19, \$225.

**Rocky Mountain Comprehensive Review of Industrial Health**, August 4-8, \$600.

*Contact Connie Crandall, Director, Continuing Education, Rocky Mountain Center for Occupational and Environmental Health, Bldg. 512, University of Utah, Salt Lake City, UT 84112 (801: 581-5710).*

#### **SOUTHERN CALIFORNIA EDUCATIONAL RESOURCE CENTER**

**Management and Administrative Skills for the Occupational Safety and Health Professional**, June 2-6, \$675.

**Recognition of Occupational Health Hazards**, June 9-13, \$675.

**Legal Aspects of Occupational Health and Safety**, June 16-17, \$375.

**Behavioral Science as an Approach to Accident Prevention**, June 18-19, \$375.

**Industrial Ventilation Fundamentals**, July 7-10, \$675.

**Hazardous Materials: Handling and Disposal**, August 11-15, \$700.

**Application of Microcomputers to Occupational Health and Safety**, August 18-19, \$375.

**Industrial Hygiene Sampling Strategies**, August 25-27, \$450.

*Contact the University of Southern California, Institute of Safety and Systems Management, Extension and Inservice Programs, University Park, MC 0021, Los Angeles, CA 90089-0021 (213: 743-6523).*

#### **WASHINGTON EDUCATIONAL RESOURCE CENTER**

**Occupational Hazards in the Arts**, June 5-6, \$250.

*Contact Continuing Education Coordinator, Northwest Center for Occupational Health and Safety, Department of Environmental Health, SC-34, University of Washington, Seattle, WA 98195 (206: 543-1069).*

#### **NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)**

**Industrial Hygiene Laboratory Quality Control (NIOSH 587)**, August 25-29, \$360.

*Contact Thomas Ratliff, R & R Associates, P. O. Box 4681, Cincinnati, OH 45246 (513: 771-2490).*

**Industrial Ventilation (NIOSH 588)**, August 18-22, \$420.

*Contact Charles M. Nenadic, CES, P.O. Box 75120, Cincinnati, OH 45275 (606: 341-8874).*

**Sampling and Evaluating Airborne Asbestos Dust (NIOSH 582)**, July 7-11 and 14-18, \$420.

**Occupational Respiratory Protection (NIOSH 593)**, July 21-24, \$420.

**Ionizing Radiation (NIOSH 584)**, August 4-8, \$420.

*For more information about NIOSH courses, contact Donna Welage, Training Registrar, Division of Training, National Institute for Occupational Safety and Health, 4676 Columbia Parkway, Cincinnati, OH 45226 (513: 533-8225).*

## Breast Cancer Education Publications

The results of a study supported by the National Cancer Institute (NCI) indicate that less-disfiguring surgery followed by radiation is as effective as removal of the entire breast for many women with early stage breast cancer. These findings will continue to be followed closely. The results highlight the importance of finding breast cancer early. Early detection can save a woman's life, minimize her disfigurement, and aid her recovery.

To help women and their physicians be better informed when making a decision about treatment for breast cancer, the National Cancer Institute has revised and updated *Breast Cancer Digest* for health professionals and has designed an 11-booklet series for breast cancer patients. Together, these publications are a valuable resource that will help health professionals to reach out to the 119,000 women who will be diagnosed this year in the United States.

The newly revised *Breast Cancer Digest* is widely recognized by health professionals for its authoritative and comprehensive overview of medical and educational information on breast cancer. It also offers physicians, nurses, social workers, health planners, and others the latest information on the psychological aspects of the disease.

The *Breast Cancer Patient Information Series* is an 11-booklet series written to help women, their fami-

lies, and friends understand more about the disease from the time a symptom appears through advanced disease. The booklets are detailed, accurate, and easy to understand. Their format enables health professionals to provide patients with information suited to the patient's specific, individual needs. The 11 booklets listed below are available from NCI.

- **Breast Exams: What You Should Know**
- **Questions and Answers About Breast Lumps**
- **Breast Biopsy: What You Should Know**
- **Breast Cancer: Understanding Treatment Options**
- **Mastectomy: A Treatment for Breast Cancer**
- **Radiation Therapy: A Treatment for Early Stage Breast Cancer**
- **Adjuvant Chemotherapy: A Breast Cancer Fact Sheet**
- **After Breast Cancer: A Guide to Followup Care**
- **Breast Reconstruction: A Matter of Choice**
- **When Cancer Recurs: Meeting the Challenge Again** (written for all cancer patients)
- **Advanced Cancer: Living Each Day** (written for all cancer patients)

The *Breast Cancer Digest* and the *Breast Cancer Patient Education Series* are available at no charge to health professionals. To receive free copies, use the order blank below.

# *"Doctor, I want to know..."*

Today, women want to know about breast cancer. And, like you, the National Cancer Institute believes the best patient is an informed patient.



NCI has a new series of 11 booklets that answer many of the most-asked questions about breast cancer. From detection methods, to treatment options, to advanced disease, these booklets give valuable information to supplement the care given by the health professional.

And to help you continue to provide the best care possible, NCI has updated the *Breast Cancer Digest*—a current, comprehensive review of research and treatment.

For free copies of the breast cancer patient booklets or the *Breast Cancer Digest*, fill out and mail the coupon.

Please send me: ☐ *Breast Cancer Digest* ☐ a set of patient booklets  
☐ a catalog of all NCI breast cancer education materials

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STATE \_\_\_\_\_

ZIP \_\_\_\_\_

Mail to:

Breast Cancer Education Program  
Office of Cancer Communications  
National Cancer Institute  
Building 31, Room 10A18  
Bethesda, MD 20205



National Cancer Institute

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
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